

State of Utah

JON M. HUNTSMAN, JR. Governor

GARY R. HERBERT Lieutenant Governor

Department of Administrative Services

D'ARCY DIXON PIGNANELLI Executive Director

Division of Facilities Construction and Management

Director

MEMORANDUM

15 June 2006 Date:

To: Contractors

From: Rick James, DFCM

Reference: Heber M. Wells Building Remodel

DFCM Project No.06187310

Subject: Addendum No. 1

> Addendum 1 page A/E Addendum Attachment 19 pages Drawings (Large Format – Separate Attachment) 3 pages

> Total 23 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in this Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

- 1.1 Schedule Changes: This addendum does not change the schedule.
- 1.2 See the Attached Addendum information from the A/E design team.

End of Addendum



addendum 001

project:

DFCM Heber Wells Bldg Remodel

project no.:

05310

date:

June 15, 2006

owner:

bid date:

06/20/2006

bid time:

03:00 PM

no. pages:

18

This Addendum shall be considered part of the Contract Documents and Project Manual for the above mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents and Project Manual, the Addendum shall govern and take precedence.

General Clarifications:

See also attached Mechanical and Electrical Addendum

- 1.1 The type of construction barricade is to be designed by the contractor. It should take into consideration the local building codes for fire, egress, lighting etc. It should be coordinated with the existing conditions including the offices that are to remain open. It is not the Architect's responsibility to design this system.
- **1.2** Typical activities that are to be scheduled after hours (weekends, nights etc.) include but are not limited to the following:
- a. Demolition.
- b. Steel erection.
- c. Concrete work.
- d. Fire proofing spray.
- e. Welding
- 1.3 All of the artwork, furniture, with the exception of the fixed tables in the existing breakroom will be removed by the owner.
- **1.4** The loading dock area that was discussed at the site as possible location for concrete delivery cannot be used. The slab in this area has a load restriction.
- 1.5 The Third South location for the concrete delivery can be used if done during off hours. The existing pavers will need to be protected and the doors can be locked down to avoid interference by the public. This will need to be coordinated with the DFCM in the building.
- 1.6 Patch the holes in the existing GRC Panels that will be exposed for the new floor plan.
- 1.7 The projector screen shown on Sheet AE122 shall be 60"wide x 80"high.

Drawings <u>Item</u>	<u>Description</u>	
1.8	Sheet AE102 - Replace this sheet with attached drawing. Revise Hearing Room]

	06. See revised Sheet AE 503. Reverse door swings for doors 01 and 05. Note revised furniture layout. See Electrical Addendum for power outlet revisions. Wall Types B and C should refer to Detail A5 on Sheet AE501. There is not any fire safing in the walls in this project. The owner has asked for the exterior vertical blinds to be replaced with the specified horizontal blinds. Field verify sizes of exterior window system. Doors 16, 17, 18, 19, 20 and 21 all should be Hardware Group 1. See attached Door and Frame Schedule.
1.9	Sheet AE121 - Replace this sheet with attached drawing. Revise lighting layout. Recessed can lights have been changed to 2' x 2' fixtures. See Electrical Addendum.
1.10	Sheet AE503 - Replace this sheet with attached drawing. The steel bars called out in Detail C5 are all to be stainless steel. This bar will be exposed.
1.11	Sheet S201 - Clarification notes: a. All edges of the opening need the edge tie-in detail (3/S501). Where there is existing concrete on the bridge that connects to existing concrete elsewhere, the detail is not required. b. All of the existing beams, without existing concrete, need the studs per detail 5/S501. c. The maximum load the main floor structure can have is 80psf and a 2000lb point load. These loads cannot be applied at the same time. See attached sketch for the jacking loads. These jacking loads must be shored down through lower floors until the load is below the acceptable limit stated above. d. The 'N' reference for the deck is incorrect. It should be 2" W deck as called out in the Specs and General Structural Notes.

Specifications	
Item	

Des	crit	otion	

1.12	Section 03310 Concrete Work Subsection 2.3 D. 7c. The slump must be site verified prior to addition of the plasticizer.
1.13	Section 11132 Projection Screens Part 2 - Products 2.2 C. 9. The size of the viewing surface shall be 60"wide x 80"high

Details <u>Item</u>	<u>Description</u>

Approvals

In addition to the manufacturers called out in the contract documents, the following manufacturers, trade names and products are acceptable with the provisions that they shall completely satisfy every requirement of the drawings, specifications, and all addenda, and shall conform to the design, quality and standards specified, established and required for the complete and satisfactory installation and performance of the building and all its respective parts. Any costs incurred due to the use of the following manufacturers shall be paid by the contractor.

<u>Section</u>	<u>Material</u>	Manufacturer	<u>Action</u>
07811	Sprayed Fire-Resistive Materials	South West Fire Proofing Products	Approved
08710	Door Hardware - Stops	Hagar	Approved

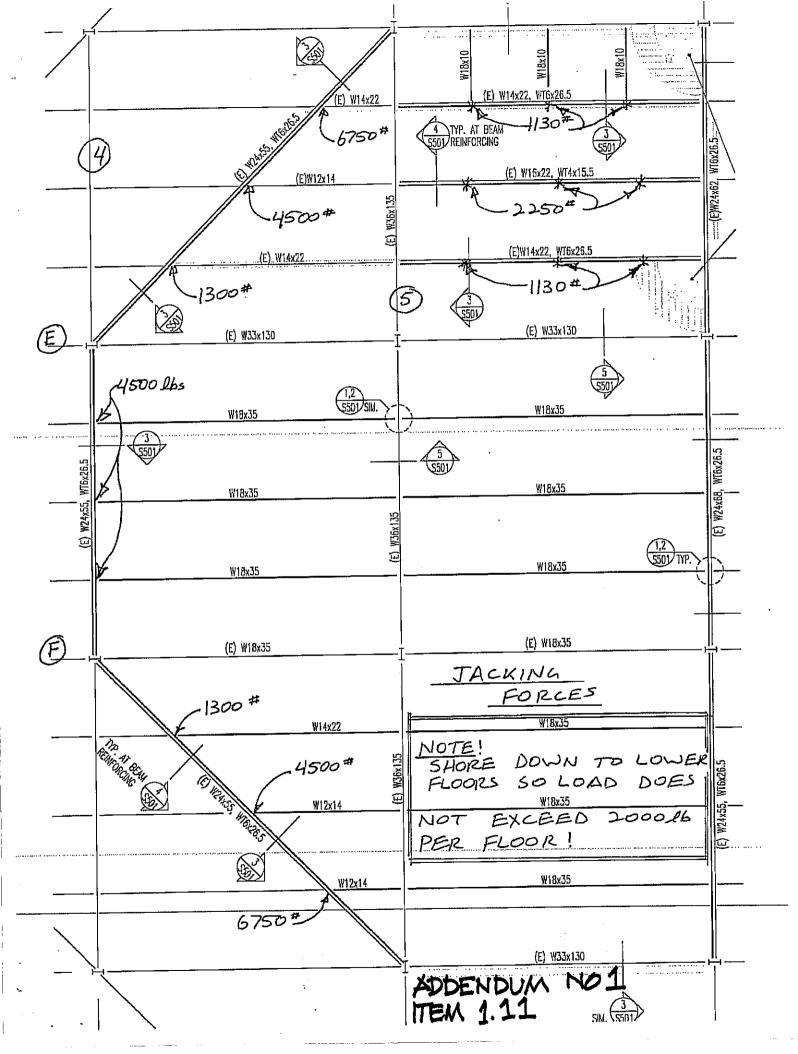
End of Addendum #001

cc:

.

Ш
щ.
=
\preceq
با
Ш
工
\overline{C}
$\widetilde{\alpha}$
0,
Ш
\leq
\mathbb{Z}
RA
FRA
) FRAI
5 S
IND FRAI
5 S

		NOTES	SECURE DOOR ACCESS				SECURE DOOR ACCESS																				, # 1 ITEM 1.8
		LABEL (HRS)	N/R				₩ F	R R	₩.	ı	N.	N/R	N/R	N/R	N/R	N/R		NR	NR	N/R	N/R	N/R	N/R	N/R	N/R	N/R	WA
	٩U	HARDWARE GROL	2				2	-	-		-	1	-	-	-	~ -		-	_	-	Y	1 1	1	>		-	NT
	DETAIL O	DETAILS SHEET # AE501	D3,D6	:			90	90	90	:	D3,D6	D3,D6	D3,D6	90'80	90	D6		D3,D6	D3,D6	90'80	D3,D6	03,06	90'60	D3,D6	90	De	ADDENDOM
FRAME	-	JAIRETAM	H				H	H	HM		Ψ	НМ	H	H	HM	H		₽	¥	H	H	MH	₹	ΜH	Ψ	HM	
		NOITAVAL	F2				F3	E	£		፲	F2	F2	F2	- E	E	_	- F2	F2	F4	F1	F4	F2	F2	표	F3	
		NEM \ EXG \ BEL	z			ı	z	z	z		z	Z	Z	Z	z	z		z	z	N	N.	z	z	N	N	z	
		SJAIRETAM	SCWD				SCWD	SCWD	SCWD		SCWD	SCWD	SCWD	SCWD	SCWD	SCWD		SCWD	SCWD	SCWD							
		景	1-3/4"				1-3/4"	1-3/4"	1-3/4"		1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"		1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"	1-3/4"	
DOOR	į	SIZE	102				.02	7:-0"	02		10	7:-0"	10,,	7'-0"	10"	70"		1.02	7:-0"	7:-0"	7:-0"	1.0"	7:-0"	1:-0"	10"	7:-0"	
		WIDTH	3'-0"				3:-0"	3:-0"	3'-0"		3'-0"	3'-0"	3'-0"	3-0"	30.	3'-0"		3-0"	3-0"	3,-0	3-0"	3-0.	3'-0"	3-0"	3,-0	3'-0"	
		NEM / EXG / BEL	z	USED	USED	USED	z	Z	z	USED	z	z	z	z	z	z	USED	z	z	z	z	z	z	z	z	z	
		DOOR TYPE	ā	NOT	NOT	NOT	5	10	٦	NOT	5	7	10	D1	5	ō	NOT	٦	7	٦	5	2	2	5	5	5	
		DOOR NUMBER	٩	70	83	20	8	90	06 A	20	80	60	10	7	12	13	14	15	16	17	92	19	20	21	22	23	





Addendum

Job:

Heber Wells

Job Number:

20050373

Date:

June 14, 2006

MECHANICAL – DIV 15

DRAWINGS

MH101

Diffusers served by VR-1 should supply 735 cfm each. 1

VR-24 has been added near VR-2 to supply two of the diffusers previously supplied by VR-2. 2.

See drawings MH-101-R1-1 and Appropriate duct modifications have been resized. 3. MH-101-R1-2.

MH102

Delete new return air opening to shaft. Change note 3 to read, "Existing return air openings to 4.

Duct return air grill above ceiling and through wall into return air ceiling plenum with return air 5. sound boot in rooms Office 17, Sm. Conf. 18, and Office 19.

- Change diffuser supply in Sm. Conf. 18 to 610 cfm. 6.
- Change diffuser supply in Office 20 to 500 cfm. 7.

Change diffuser supply in Office 22 to 405 cfm. 8.

Change diffuser supply in Storage/Files 23 to 55 cfm. Locate return air grille in this room inside 9. room walls.

Change diffuser supply in Storage/Files 13 to 250 cfm. 10.

- Change diffuser supply in Open Office 03, Open Office 04, and Open Office 05 to 250 cfm. 11. Change return air grilles in these areas to 650 cfm.
- Add supply diffuser in Conference Room 08. See drawing MH-102-R1-1. 12.

Add supply diffuser in Break 14. See drawing MH-102-R1-1. 13.

Change note number 6 to read "Install new fire/smoke damper in new section of exhaust duct and 14. shaft wall penetration."

Add exhaust grille above new copy machine location, move grille to relocated copy machine. See 15. MH-102-R1-2.

MP101

- VR-24 has been added and shown with corresponding thermostat. See drawing MP-101-R1-1. 16.
- Thermostats for VAVs have been shown. See drawings MP-101-R1-1 and MP-101-R1-2. 17.
- Pipe sizes have been shown. See drawings MP-101-R1-1 and MP-101-R1-2. 18.
- Add note number 4, "Set at 12.8 gpm." See drawing MP-101-R1-3. 19.

MP102

- Change VR-6 to VR-15. VR-6 had not been shown in correct location. Locate VR-6 and VR-15 20. in appropriate locations as shown on MH-102.
- Connect VR-6 to main piping loop. 21.

22. Add thermostat to northeast wall of Conference Room 08 near door and connect to VR-6.

ME501

- 23. See updated variable volume reheat box schedule on drawing ME-501-R1-1.
- 24. SWR-1 model is 535 by EH Price.

PRIOR APPROVALS

Approval of equipment from catalog information indicated brand name and general characteristics are acceptable to the Engineer, but does not relieve the Contractor of the responsibility of providing equipment and accessories as specified unless specific mention of departments from specifications was made in the submittal and acknowledged in writing by the Engineer. Quantities and dimensions are not checked. We are retaining one set of submittal data for our files.

SECTION_	<u>ITEM</u>	<u>MANUFACTURER</u>	COMMENT
15820	Fire smoke dampers	Pottorff	Approved
15820	Manual volume dampers	Pottorff	Approved

ELECTRICAL – DIV 16

GENERAL ITEMS

1. The Division 16 Unit Price Bid Form is attached to this addendum and shall be completed by the apparent low bidder prior to being awarded the contract. The unit prices given shall be guaranteed for the duration of the project, and is the same for adds or deducts.

SPECIFICATIONS

SECTION - 16511

- 1. Paragraph 2.4.B: Add the following paragraphs:
 - 9. Input Power: When operated with a 4' T8, high-output (3100 initial lumens), extended performance lamp the maximum input power is as follows:
 - a. 1-lamp: 25 watts.
 - b. 2-lamps: 49 watts.
 - c. 3-lamps: 72 watts.
 - d. 4-lamps: 94 watts.
 - 10. Manufacturers: Provide products in conformance with the requirements of the contract documents manufactured by one of the following.
 - a. Advance Transformer CO, "IOP" Series
 - b. Osram/Sylvania, "PSX" Series
 - c. General Electric Co., "Ultra Start" Series.

DRAWINGS

EP-102

- Poke-through outlets have been adjusted to coordinate with latest furniture layout. Refer to attached revision drawing.
- 2. Receptacles and data outlets have been added for additional copier. Refer to attached revision drawing.

EL-101

 All type DF-25 type light fixtures are to be replaced with P3-2 type light fixtures on a location for location basis, including those indicated to be connected to emergency circuits.

EL-601

- 1. Fixture Schedule:
 - A. Add the following sentences to the fixture schedule heading:
 Fluorescent fixtures with 4' T8 lamps use 32 watt 3100 initial lumen lamps with .71 ballast factor electronic ballast. Lamps: OSI "XPS" series, Philips "ADV" series, GE "T8 ultra high lumen". Ballasts: Advance "IOP" series, OSI "Prostart PSX", GE "Ultrastart" series.
 - B. Delete fixture type DF-25 from fixture schedule.
 - C. Add the following fixture type to the fixture schedule:

MARK	CHARATERISTICS	LAMP	<u>WATTS</u>	<u>VOLTS</u>
P3-2	2X2 9-cell lay-in; semi-specular silver louvers, static	2-F31T8 RE835	65W	120/277

MANUFACTURER	CATALOG NUMBER
Lithonia Daybrite Metalux Columbia LSI Lightolier	2PM3NGB-2U316-9LD-MVOLT-TUBRHP-2R 2P3GS231U6-33SL-UNV-1/2-EB-SPEC 2EP3GX-2U6S33I-UNV-PROGRAM START P4D24-232U6G-LD33-S-EB8LHPRUNV N2PG9 2U32 FD SSO10PS UE DPS2G9LS26U-U-SOP

Subject to compliance with the requirements of the protect documents, the following lighting fixtures have been reviewed and are found acceptable to be used on this project:

TYPE	MANUFACTURER	CATALOG NUMBER
CM-14	Finelite Peerlite	S8-PW-XX-2T8-SC-91W-UNV-FA-FE 10CRM4-2-32-40/60-SSB-XX-R12-120/277-GEB10-SC- L/LP-F1/XX-ACG
CM-14d	Finelite Peerlite	S8-PW-XX-2T8-DC-91W-UNV-FA-FE 10CRM4-2-32-40/60-SSB-XX-R12-120/277-GEB10-DCT- L/LP-F1/XX-ACG
CM-15	Finelite Peerlite	S5WM-XX-2T8-SC-SPEC-UNV-FE CRW7-2-32-WHR-4FT-R4-120/277-GEB10-L/LP
OX-4	Primus	PL-R-LED-1/2-C-24-X

3. Fixture type TX-1 shall be a Visa CP3026-MOD-277V-CB-48" CA/LLL. Bidders are instructed to use \$2840.00 per fixture as the contractor allowance.

EY-102

- Add one control module, relay and duct smoke detector to control fire smoke damper(s). Provide 120V circuit connected to 2LD2-17. Refer to mechanical sheet MH-102 for damper locations.
- Change 15 candela fire alarm speaker/strobe to 30 candelas in Conference Room 08, centered on north wall. Remove fire alarm speaker/strobe from Office 09.
- 3. Change 30 candela fire alarm speaker/strobe to 75 candelas in Break Room 07.
- 4. Add 15 candela fire alarm speaker/strobe in Small Conference Room 18, centered on west wall.

ET-601

- On Detail 7 add a Radio Design labs line mixer ST-MX3 on the 2 aux lines after the isolation transformers.
- 2. On The Sound Symbol Legend the 'Proc' is to be a Biamp Nexia CS.

END OF ADDENDUM

				COMMENTS	1)(2)(3)(4)(5)(6)(6	1)(2)(3)(4)(5)(6)(7	3(4)(2)	1)(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)(3)(4)(5)	1)(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)()(2)(3)(4)(5)(6)(1)(2)(2)(4)(2)(6)(()	(2)(3)(4)(5)(6)()(2)(2)(4)(2)(6)((2)(3)(4)(5)(6)((2)(3)(4)(2)(6)(1)(2)(3)(4)(5)(6)(1)(2)(2)(4)(2)(6)((2)(3)(4)(5)(6)(1)(2)(3)(4)(2)(6)((2)(3)(4)(5)(6)	V-V-V, V-V-	
1	ŀ		<u>-</u>	ď	_	7	1	٠,	۲	<u>۔</u>		<u> </u>	5	٦	=	7	_	7	_	())	Ξ	Ξ	_	_	8	_	Ť	1	1
				Œ'	80	80	80	80	8	8	8	80	8	8	8	8	8	8	8	8	8	8	8	80	8	_		<u> </u>	<u>'</u>	$\left. ight $
<u> </u> <u>=</u>	7		NIM	ROWS	-	-	-	-	-	-	-	_	-	-	-	-	-	-	-	-	-	-	-	-	- -	-	-	- -	_	
2	BUX SCHEDULE		MIN. SIZE	HX¥	24x1B	16x15	16x15	16x15	14x12.5	12x8	12x8	14x12.5	12x10	12×10	12×10	14x12.5	12×10	12×10	12x8	12x8	12×10	14x12.5	24x18	16x15	12×10	18×15	125	24.40	7447	
[]	בא			P.D.	0.21	0.18	0.18	0.20	0,18	0.08	0.08	0.22	0.09	60'0	0.18	0.13	0.18	0.19	0.08	0.10	0.16	0.15	<u> </u>	0.21	0.17	╀	4	- -	7.5	
١	, ,			GPM CPM	4.2	1.5	0.9	1 .5	።	0.5	0.5	t.	0,5	0.5	0.8		8'0	т	┰	╁	╁	-	✝	╁	╁╌	t	1 6	+	23	
	$\frac{1}{2}$	잉	LAT	DEG. F	99.9	98.0	80.0	97.4	98.7	99.0	99.0	99.8	0.66	0'66	99.7	95.0	99.4	100.0	0.66	99.0	100.0	80.0	80.0	80.0	80.0	8 00		3 3	לי ה	
	_	VELS.	S.P.	RAD	31	27	27	28	24	18	18	24	21	21	22	22	22	23	18	20	22	23	32	28	6	18	3 8	7	<u>-</u>	
	ΕA	NC LEVELS	62" S.P.	AIR	28	27	27	28	28	19	19	22	23	23	23	27	23	23	19	8	22	27	00	286	3	1 8	3 8	3 8	22	_
	7 7 1 1			MINIMIN	665	350	350	365	250	82	82	280	115	115	175	205	175	180	5	95	160	225	750	17.5	165	3	ş	2	980	
֡֜֝֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜֜	1E 1		문	HEATING	970	350	350	365	250	120	120	340	120	120	195	205	180	225	120	120	170	225	750	37.	16.0	100	200	ဂ္ဂ	999	
	ABLE VOLUME KEHEAI			SOULNG	2205	1110	1110	1214	830	270	270	920	370	370	570	680	570	585	970	340	520	740	0040	1050	575	200	1320	535	2200	3
) >	X S	PRESS.	DROP	0.22	0.19	0.19	0.21	0.19	0.18	0.18	0.23	0.14	0.14	0.19	0.14	0	200	40	2 6	0.47	145	90.0	07.0	0.40	0.10	0.24	0.18	0.22	
	ב מ		ě	SIZE	9	12	12	12	6	9	۵	5	-		α	a		α	2 4	9	α	0	7	9	۱,	0 5	12	8	16	
	K V		_	_	2	200	8	8	28	>ûs	8	2	8	3	3	2	3	2	2	2	3	1	à	3	3	3	200	So So	SDV	_
	VAR			WANUFACTURER		PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	70184	10100	200	5700	20100					2 2							PRICE	PRICE	
) } }				SYMBO		S S	2	7-85	2	9 9	2 2	α Q	2 Q	4 S	4 5	ç	7K - 1Z	2	¥ ;	₹ 5 5	¥ ;	¥ ;	ا ا	¥ 1-19	الا – 20 الا	WR-21	VR-22	VR-23	VR-24	

PROJECT

HEBER M. WELLS BUILDING REMODEL

SHEET TITLE

VAV SCHEDULE

SCALE



175 South Main Street, Suite 300 Sait Lake City, Utah 84111 801-328-5151 800-678-7077 FAX 801-328-5155

www.spectrum-engineers.com O 2006 Spectrum Engineers, Inc.

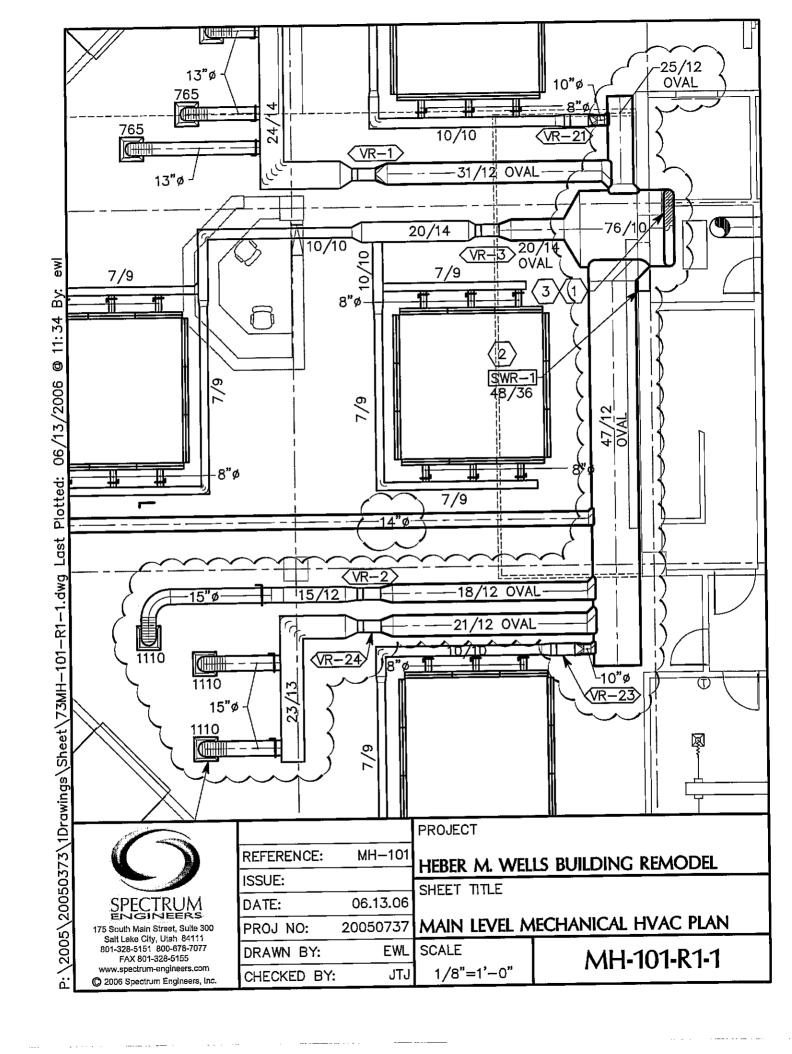
ME-501 REFERENCE: ISSUE: 06.13.06 DATE: 20050737 PROJ NO: DRAWN BY: **EWL** CHECKED BY: JTJ

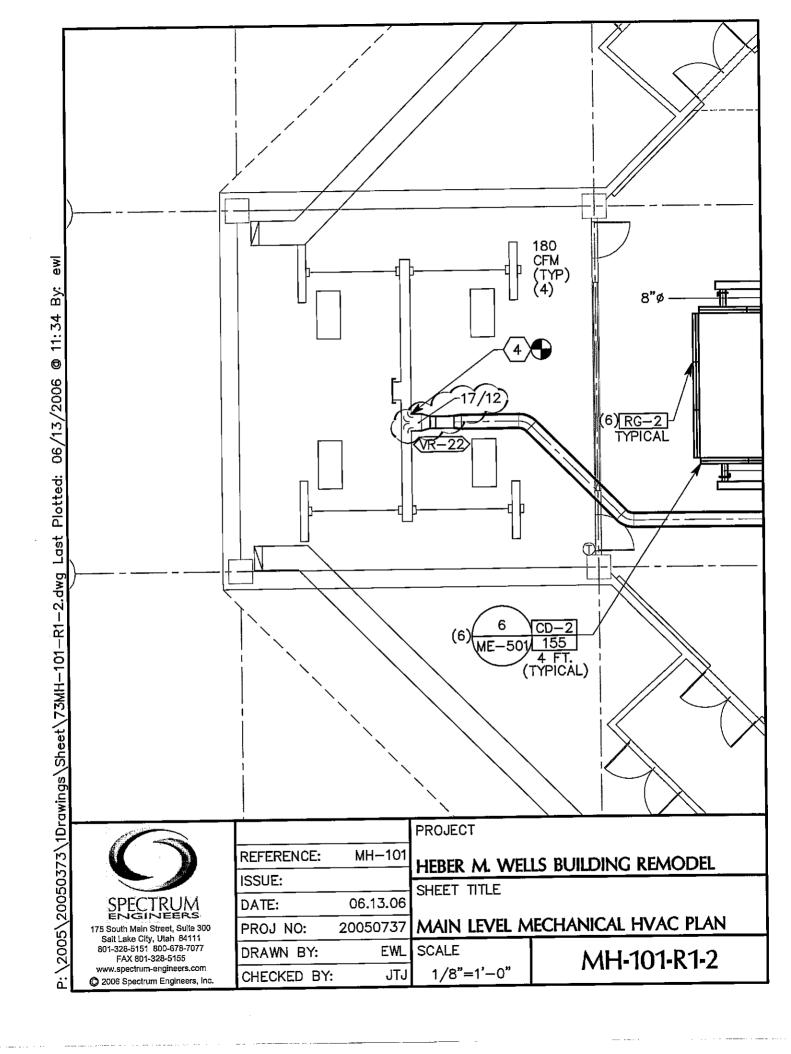
NO SCALE

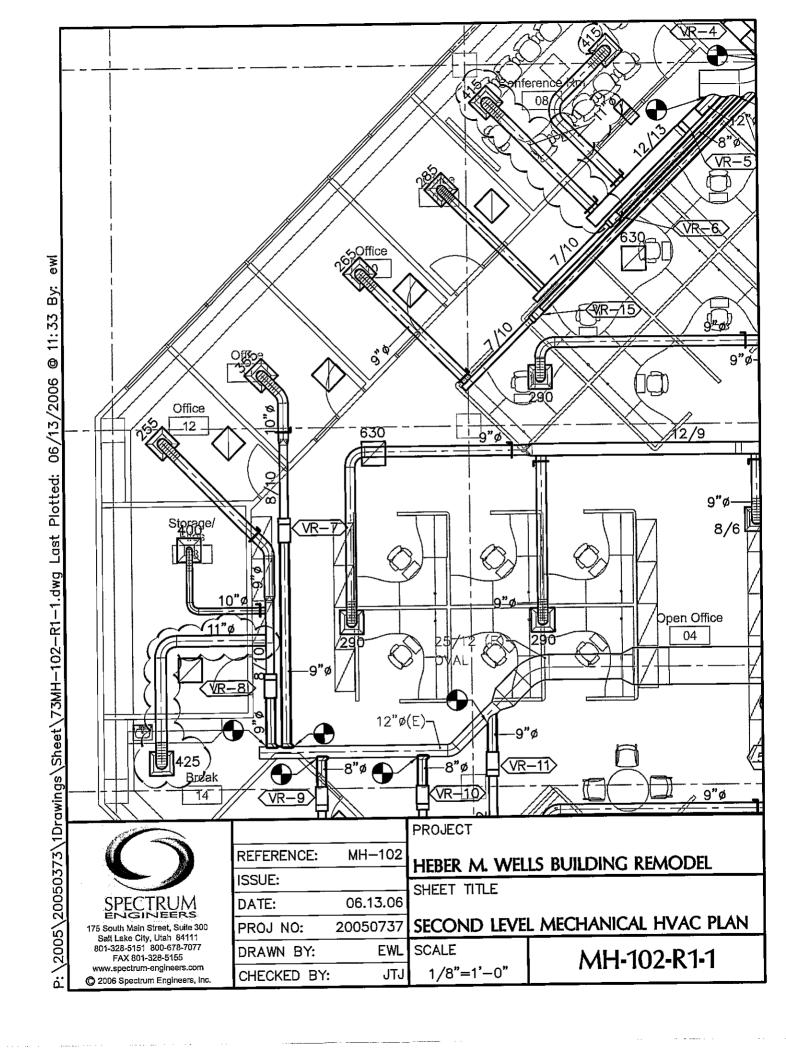
ME-501-R1-1

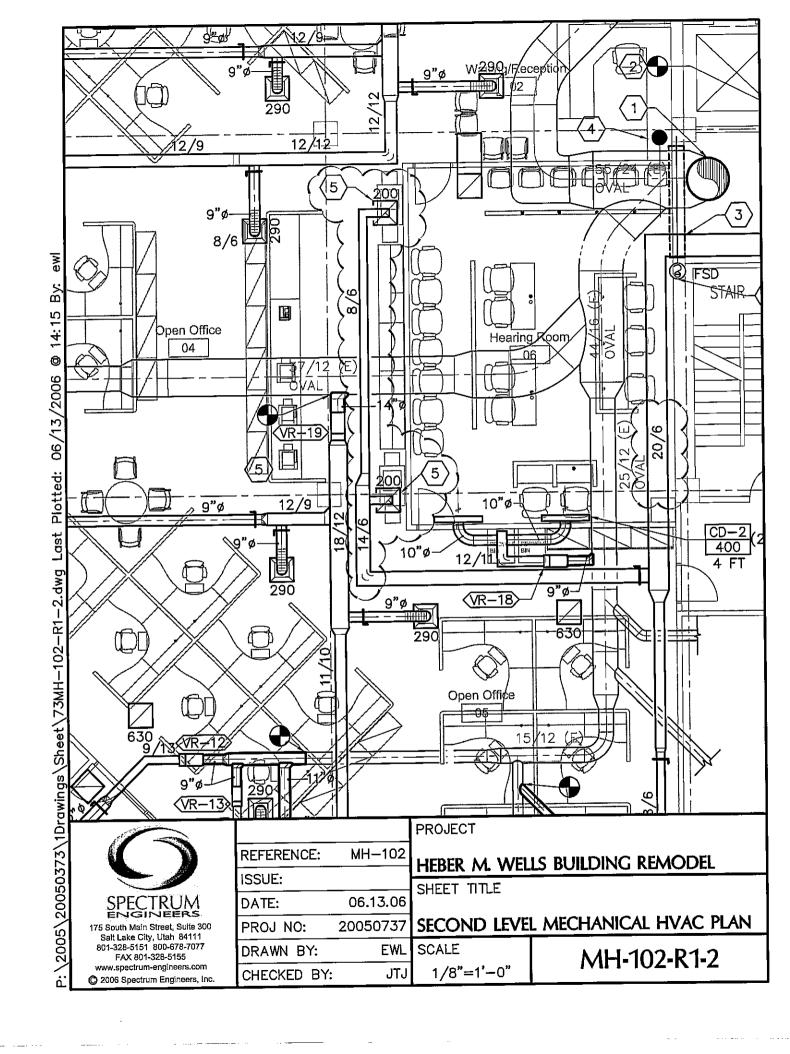
COIL MAXIMUM WATER P.D. AT 3.0 FT. " MAX. AIR P.D. AT 0.10".
MAXIMUM N.C. LEVEL AT 2.0" S.P. — AIR 36, RAD., 30 UNIESS OTHERWISE NOTED.
NO LEVELS ARE BASED ON 5 FT. LINED DUCT, 10Db ROOM ATTENDATION AND AN AVERAGE LAY—IN CEILING WITH STG 34—40 RATING. COIL BASED ON PACE TYPE HW COILS.
PIPE SIZE TO REHEAT COILS IS 3/4"
PIPE SIZE TO REHEAT COILS IS 1/4"

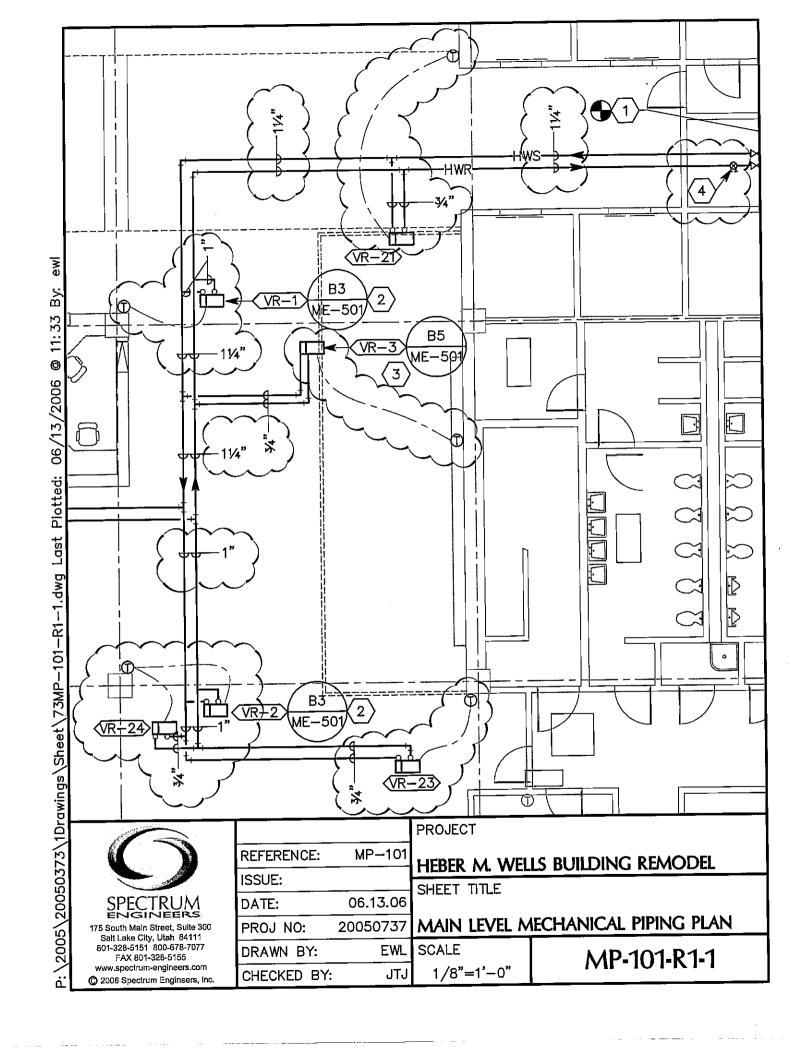
GPM BASED ON 180 DEG F ENTERING WATER TEMPERATURE, 160 DEG F LEAVING WATER TEMPERATURE

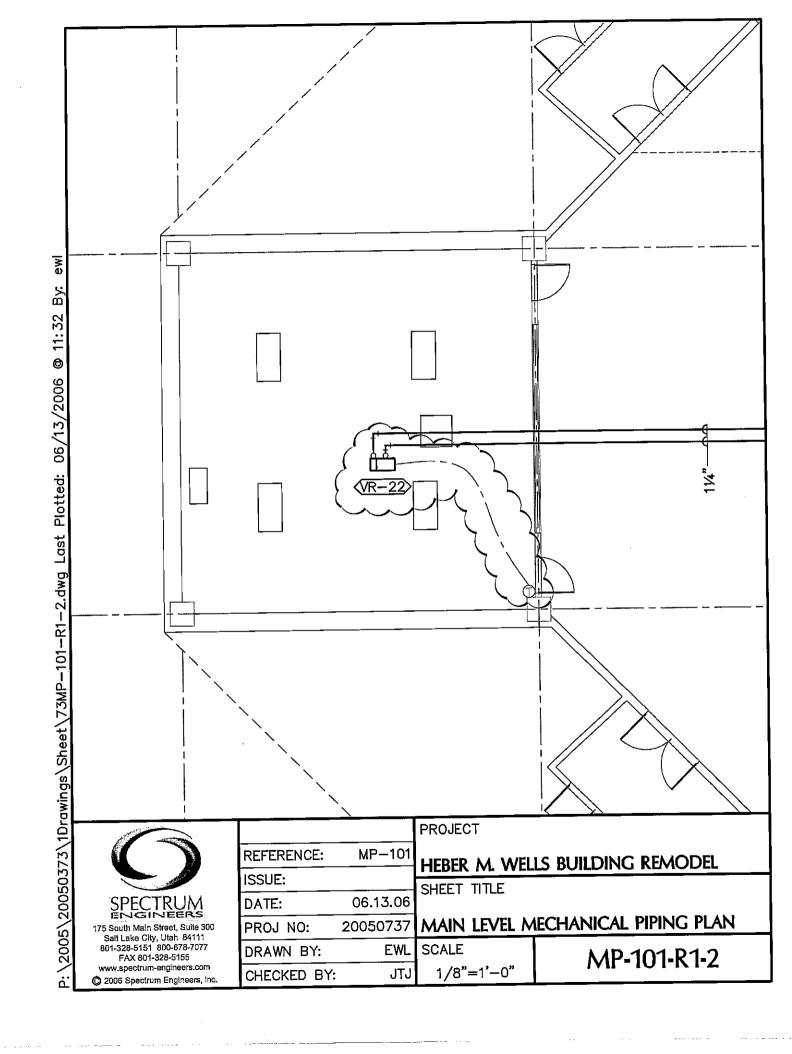












○SHEET KEYNOTES

- 1. CONNECT TO EXISTING HOT WATER SUPPLY AND RETURN MAIN LINES.
- 2. INSTALL 3-WAY CONTROL VALVE.
- 3. INSTALL 2-WAY CONTROL VALVE.
- 4. SET AT 12.8 GPM.



175 South Main Street, Suite 300 Salt Lake City, Utah 84111 801-328-5151 800-678-7077 FAX 801-328-5155 www.spectrum-engineers.com

O 2006 Spectrum Engineers, Inc.

REFERENCE:	MP-101
ISSUE:	
DATE:	06.13.06
PROJ NO:	20050737
DRAWN BY:	EWL
CHECKED BY:	JTJ

PROJECT

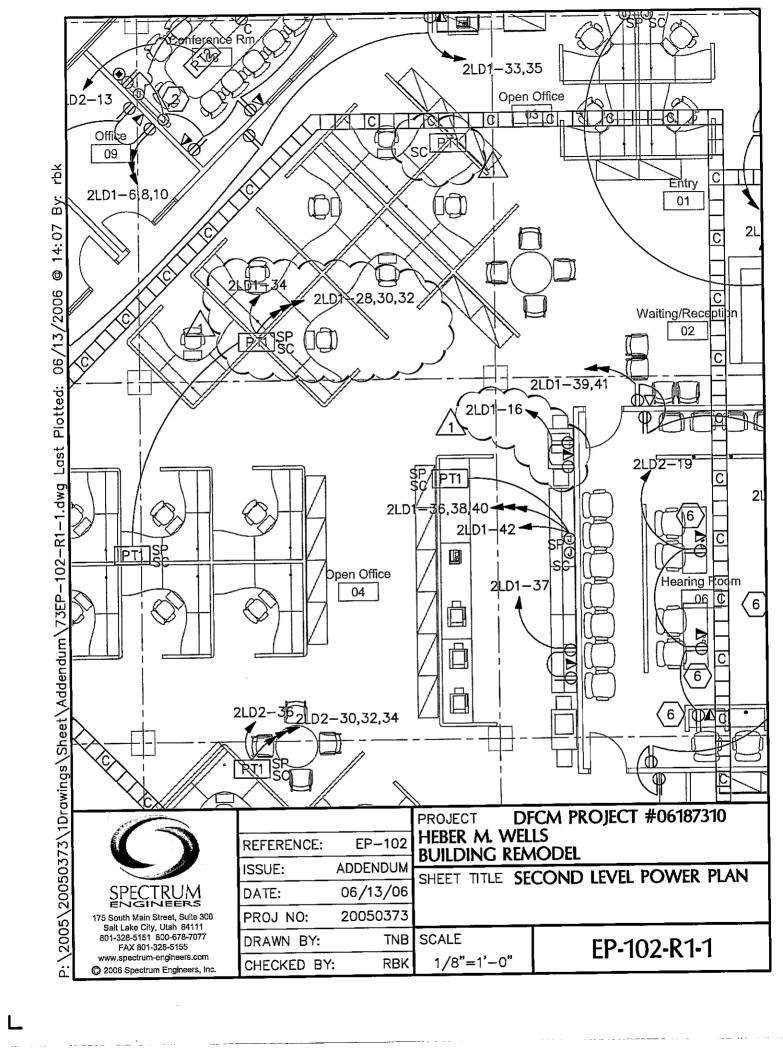
HEBER M. WELLS BUILDING REMODEL

SHEET TITLE

MAIN LEVEL MECHANICAL PIPING PLAN

SCALE 1/8"=1'-0"

MP-101-R1-3



DIVISION 16 - ELECTRICAL UNIT PRICE BID FORM

UNIT PRICES

 Lighting fixture

a.	Lighting fixtures: Guarantee unit prices for each item listed. Change order (add or deduct) amounts for
	lighting fixtures (excluding lamps, sales tax, and installation) shall be the prices listed below multiplied by the
	quantities added or deducted.

<u>Type</u>	<u>Manufacturer</u>	<u>Unit Price</u>
CM-14		
CM-14d		
CM-15		
E3-1		
E3-2		
GS-2		
GS-3		
OX-4		
P3-2		
P3-6		
P3-8		
P3-12		
SC-1		
SC-3		
TX-1		
UC-10		
UC-11		

b. Lighting fixture installation: Guarantee unit prices for each item listed. Change order (add or deduct) amounts for installation of lighting fixtures (excluding fixtures, lamps, and sales tax) and including 30' of typical branch wiring shall be the prices listed below multiplied by the quantities added or deducted.

<u>Type</u>	Manufacturer	<u>Unit Price</u>
CM-14		
CM-14d		
CM-15		
E3-1		
E3-2		
GS-2		
GS-3		
OX-4		
P3-2		
P3-6		
P3-8		
P3-12		
SC-1		
SC-3		
TX-1		